

DATA ACCELERATOR REFERENCE CASE



CROCUS TECHNOLOGY
Intelligence in Sensing™

Algorithm.

The Challenge

Crocus Technology develops and supplies magnetic sensors based on its revolutionary and patented technology. Their R&D teams are generating each day an enormous volume of data.

Sensors are developed in batch, where **mechanical and electrical tests** are performed on some of them to validate the production line. All data need to be gathered and centralised.

The challenge is to **integrate, harmonize, clean and make the data available** for all business users.

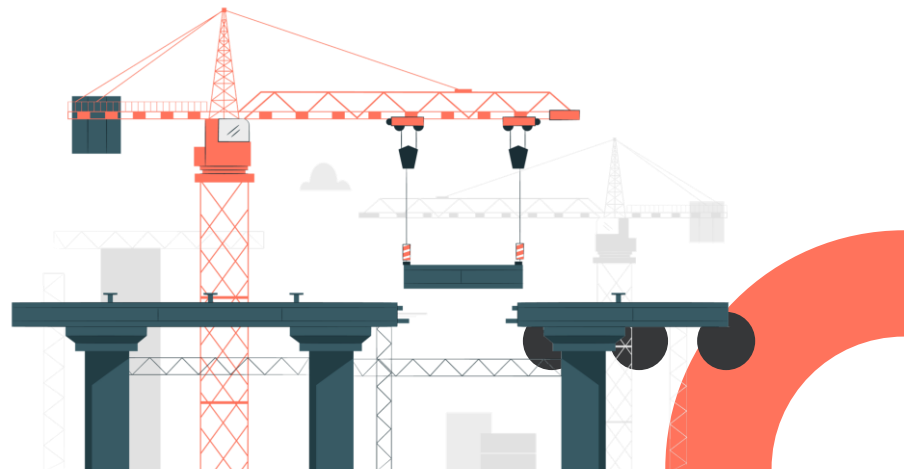




The Solution

Our team worked with **different AWS services** (S3, Lambda, Postgres SQL) to **check, clean, transform and centralise the data** generated during testing.

Using other AWS services (EC2, CloudWatch), we designed a **fully automated data pipeline**, accompanied with full **monitoring of the process**. This ensures for trusted and good data quality.





“Accelerated
data collection
for better
reporting”

The Result

Thanks to the fully automated cloud data pipeline, Crocus supports their business via a centralized, future proof-data platform in the AWS cloud.

This **frees up time** for the engineering team who can now **focus more on product development.**

